

02/06/02

FORM PTO-1082

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

A

In the application of:

Junichi KARASAWA and Kunio WATANABE, both of Nagano-ken, Japan

Serial No: Not Assigned

Filed: February 6, 2002

For: Semiconductor Device, Memory System and Electronic Apparatus

Box PATENT APPLICATION

Commissioner for Patents

Washington, D.C. 20231

Dear Sir:

CORRESPONDENCE ADDRESS:

 Customer Number

000026021



26021

PATENT TRADEMARK OFFICE

Transmitted herewith for filing is the patent application identified above.

 16 sheet(s) of drawings (formal informal) is(are) enclosed. 37 page(s) of specification and 1 page(s) of abstract of the invention are enclosed. An assignment of the invention to SEIKO EPSON CORPORATION is enclosed will follow. An associate power of attorney is enclosed will follow. Applicant claims small entity status. See 37 CFR 1.27. Declaration and Power of Attorney is enclosed will follow. Certified copies of Japanese Patent Application No. 2001-88309 filed March 26, 2001 and Patent Application No. 2001-330784 filed October 29, 2001, from which priority is claimed under 35 U.S.C. § 119 will follow. IDS enclosed (with [# of refs.] reference(s)). Preliminary Amendment is enclosed. Application data sheet is enclosed. See 37 CFR 1.76. Return postcard is enclosed.

CALCULATION OF FEES

ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE
A	TOTAL CLAIMS FEE	39	-20	19	LG=\$18 SM=\$9	\$18	342.00	
B	INDEPENDENT CLAIMS FEE*	1	-3	0	LG=\$84 SM=\$42	\$84	\$ 0	
C SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)								342.00
D MULTIPLE-DEPENDENT CLAIMS FEE								LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140 \$ 280.00
E BASIC FEE								LARGE ENTITY FEE = \$740 SMALL ENTITY FEE = \$370 \$ 740.00
F TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)								\$ 1362.00
G ASSIGNMENT RECORDING FEE								\$ 40 \$ 40

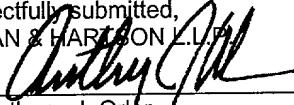
*LIST INDEPENDENT CLAIMS 1

 Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed. A check in the amount of \$ 0 to cover the filing fee is enclosed. A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed. The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed. Any additional filing fees required under 37 C.F.R. 1.16 Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,

HOGAN & HARTSON L.L.P.

By:



Anthony J. Orler
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In re application of:
Junichi KARASAWA and Kunio WATANABE
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Art Unit: Not Assigned
Examiner: Not Assigned

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Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- patent application (37 page(s) of specification; 39 claim(s); 1 page(s) of abstract)
- 16 sheet(s) of formal drawings
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

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Date: February 6, 2002

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Emily Cruz

Name of person mailing papers

Signature